

# PUBLIC SUBMISSION

**As of:** October 28, 2010

**Received:** October 26, 2010

**Status:** Posted

**Posted:** October 27, 2010

**Tracking No.** 80b7826d

**Comments Due:** November 08, 2010

**Submission Type:** Web

**Docket:** EPA-R03-OW-2010-0736

Draft Chesapeake Bay Total Maximum Daily Load

**Comment On:** EPA-R03-OW-2010-0736-0001

Clean Water Act Section 303(d): Notice for the Public Review of the Draft Total Maximum Daily Load (TMDL) for the Chesapeake Bay

**Document:** EPA-R03-OW-2010-0736-0093

Comment submitted by Al White, Bio-Sun Systems, Inc.

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## Submitter Information

**Organization:** Bio-Sun Systems, Inc.

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## General Comment

I attended a TMDL meeting in Elmira, NY this evening.

The nutrient / sediment portion entering the Chesapeake Bay from sewage plants/ septic systems is primarily caused by humans utilizing flush toilets, urinals, garbage disposal units, etc. Fully 88% of the ammonia/ nitrogen from the human sewage source is from humans urinating in those fixtures. The solution is simple. Discontinue the use of flush/ drainage fixtures.

The definitive remedy is not to attempt "fix" the sewage but to stop creating the sewage. We have been developing and practicing such a mission for more than 30 years. With the utilization of waterless and vacuum micro-flush fixtures and on-site, aerated mineralization beds we have the capability of rescinding all sewage from domestic sources.

We have recently completed a larger system for a new nature center for the city of

Baltimore, MD.

Design load= 500 uses per day with near zero maintenance and zero sewage discharge.

Please contact me for more details

Al White

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